Ten Year Periodic Annual Increment For Nova Scotia Permanent Forest Inventory Plots 1980-85 to 1990-95

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Report FOR 2000 - 2

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Information Report 10 year Periodic Annual Increment For Nova Scotia Permanent Forest Inventory Plots 1980-85 to 1990-95

Introduction

Nova Scotia has a continuous forest inventory system in place that was started in 1965. From 1965 to 1970, 1765 circular, permanent forest inventory plots were randomly located throughout the province of Nova Scotia (Figure 1). Since then, they have been re-measured every 5 years to provide a database which can be used to monitor change. This report will document the change over the 10 year period ending in 1995 as measured by the accretion, ingrowth, mortality and harvest of merchantable softwood and hardwood trees in these plots. The results are presented in tabular form by Region and Province for 3 major landowners; Crown, Large Private and Small Private. There are 3 primary strata into which the data is presented: 1) Forest Cover Type, 2) Age Class and 3) Land Capability. This is the third publication on the Periodic Annual Increment (PAI) of these plots, the first 2 were published for a 5 year period from 1965 ending in 1975 (NSDL&F, 1975) and for a 10 year period from 1965 ending in 1980 (NSDL&F, 1980).

Method

Permanent Forest Inventory Plots are circular and 0.04 ha in size. Within the plot, all living trees $\geq$ 9.1 cm diameter outside bark at breast height are numbered and measured for diameter at breast height outside bark (DBH_{ob}) and total height along with several other variables. This report describes the change over a 10 year period for merchantable volume which is calculated using tree measurements of diameter at breast height and total tree height. Diameter and height are used in volume equations developed by Honer et al (1983) which were confirmed to be valid for several species of Nova Scotia trees by NSDNR (1996). Forest Cover Type, categorized as Softwood, Mixedwood and Hardwood, is determined by the merchantable Basal Area computed from DBH. Plot attributes of Region and Landowner are derived from the NSDNR Geographic Information System - Forest Resources Database.

The plots are also assessed for Land Capability and Average Age during measurement, and this information is used to present the data. Land Capability estimates the maximum volume growth potential for the forest plot and is reported in m^3/ha/yr. Land Capability was most recently assessed during the re-measurement of 1985 to 1990. Age is determined by coring 3 trees closest in size to the diameter of the tree of average basal area. These 3 ages are corrected to stump age using Forest Capability curves, then averaged to define the average age of the trees in the plot. Age was assessed in the last measurement period of 1990 to 1995.

The Tables were initially generated using the computer software SPSS Release 6.0. Individual tree change information, such as accretion, is first aggregated to total plot values, then averaged with other plots for each strata. The tables exhibit the change data by 4 main categories, Growth, shown as i) Accretion and ii) Ingrowth and Removal shown as iii) Mortality and iv) Harvest. Three computed fields are also shown, Gross Growth, Net Growth and Net Change. All of these 7 change data categories are presented for Softwood species, Hardwood species and a Total (Softwood + Hardwood). These 7 categories are more fully defined in the definition section and are all expressed in m^3/ha/yr for all living trees $\geq$ 9.1 cm DBH_{ob}.

The values are averaged from randomly established plots and therefore every plot is used to compile provincial averages. Consequently, provincial totals cannot be calculated by just adding the 3 Regional values together and dividing by 3. If, as is the case, there are more plots in one Region than another (due to differing areas of forested land), then the greater number of plots in one region will have a greater affect on the final outcome.

Figure 1 Forest Inventory plots are randomly located throughout the forests of Nova Scotia.

Definitions

Merchantable Volume is for all trees $\geq$ 9.1 cm DBH_{ob} and only includes the wood fibre contained in the bole (no bark) from a 15 cm stump to a top inside bark diameter, of 7.6 cm (formerly described as "Gross Merchantable Volume")

Softwood Cover Type: Stand containing more than 75% of Merchantable Basal Area in softwood species.

Mixedwood Cover Type: Stand containing 25 to 75% of Merchantable Basal Area in softwood species.

Hardwood Cover Type: Stand containing less that 25% of Merchantable Basal Area in softwood species.

Crown Owner: Land administered by Nova Scotia Department of Natural Resources.

Large Owner: Land owner who's land holdings exceed 400 ha.

Small Owner: Land owner who's land holdings are less than 400 ha.

Federal Owner: Land owned by Federal government. Due to the small amount of plots, the data from the Federal land is not shown separately, however, the data has been included when computing the Provincial "Total" amounts.

Accretion: Is the volume increase (growth) on all trees present at the beginning and end of a measurement period. (End Volume - Beginning Volume = Growth)

Ingrowth: New Growth of all trees not present at the previous measurement period, but present at the most recent measurement period.

Mortality: Volume of all trees that were living at the previous measurement but were dead at the most recent measurement period.

Harvest: Volume of all trees that were living at the previous measurement but were harvested before the end of the most recent measurement period.

Gross Growth: The Sum of Accretion and Ingrowth.

Net Growth: Gross growth minus Mortality.

Net Change: Net Growth minus Harvest.

Literature Cited

NSDL&F, 1977. Information report, periodic annual increment, province of Nova Scotia, 1965-1975. 125 pp.

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Table 1. Province of Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and cover type.

Softwood

Landowner	Covertype	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	1.620	0.291	1.114	0.560	1.911	0.797	0.237
	Mixedwood	1.795	0.361	0.789	0.378	2.156	1.367	0.989
	Hardwood	0.614	0.189	0.070	0.001	0.803	0.733	0.732
	Total	1.467	0.289	0.826	0.404	1.757	0.930	0.527
Large Private	Softwood	2.345	0.314	0.873	1.880	2.659	1.786	-0.094
	Mixedwood	2.529	0.320	0.719	0.331	2.849	2.130	1.799
	Hardwood	0.952	0.252	0.122	0.160	1.204	1.082	0.922
	Total	2.218	0.308	0.722	1.138	2.526	1.804	0.666
Small Private	Softwood	2.765	0.370	1.243	0.967	3.135	1.892	0.925
	Mixedwood	1.982	0.280	0.770	0.652	2.262	1.492	0.840
	Hardwood	0.605	0.177	0.125	0.050	0.782	0.657	0.607
	Total	2.181	0.311	0.917	0.725	2.492	1.574	0.850
Total	Softwood	2.307	0.332	1.134	1.009	2.638	1.504	0.495
	Mixedwood	2.056	0.303	0.760	0.514	2.359	1.599	1.085
	Hardwood	0.662	0.192	0.105	0.050	0.854	0.748	0.699
	Total	1.964	0.300	0.851	0.699	2.264	1.413	0.714

Hardwood

Landowner	Covertype	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	0.194	0.041	0.051	0.055	0.236	0.185	0.130
	Mixedwood	0.926	0.079	0.398	0.294	1.005	0.607	0.313
	Hardwood	1.317	0.116	0.429	0.063	1.433	1.004	0.941
	Total	0.602	0.066	0.214	0.118	0.667	0.453	0.336
Large Private	Softwood	0.182	0.028	0.065	0.081	0.210	0.145	0.064
	Mixedwood	1.070	0.080	0.389	0.347	1.150	0.761	0.414
	Hardwood	1.853	0.215	0.667	0.415	2.069	1.401	0.986
	Total	0.699	0.070	0.253	0.213	0.769	0.516	0.303
Small Private	Softwood	0.333	0.074	0.068	0.059	0.408	0.339	0.280
	Mixedwood	1.276	0.155	0.328	0.434	1.431	1.103	0.670
	Hardwood	1.817	0.258	0.572	0.355	2.074	1.503	1.148
	Total	0.876	0.129	0.231	0.233	1.005	0.773	0.541
Total	Softwood	0.257	0.054	0.061	0.061	0.310	0.249	0.188
	Mixedwood	1.157	0.121	0.355	0.377	1.278	0.923	0.546
	Hardwood	1.662	0.200	0.534	0.254	1.862	1.328	1.074
	Total	0.766	0.098	0.230	0.192	0.865	0.635	0.443

Softwood + Hardwood

Landowner	Covertype	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	1.814	0.332	1.164	0.614	2.146	0.982	0.367
	Mixedwood	2.721	0.440	1.187	0.671	3.161	1.974	1.302
	Hardwood	1.931	0.306	0.499	0.064	2.236	1.737	1.673
	Total	2.069	0.355	1.040	0.521	2.424	1.384	0.863
Large Private	Softwood	2.527	0.342	0.939	1.960	2.869	1.931	-0.030
	Mixedwood	3.599	0.400	1.108	0.679	3.999	2.891	2.212
	Hardwood	2.805	0.468	0.789	0.575	3.272	2.483	1.908
	Total	2.917	0.378	0.975	1.351	3.295	2.320	0.970
Small Private	Softwood	3.098	0.445	1.312	1.026	3.543	2.231	1.205
	Mixedwood	3.258	0.435	1.098	1.086	3.693	2.595	1.509
	Hardwood	2.422	0.435	0.697	0.405	2.857	2.160	1.755
	Total	3.057	0.440	1.149	0.957	3.496	2.348	1.390
Total	Softwood	2.563	0.385	1.196	1.070	2.948	1.753	0.683
	Mixedwood	3.214	0.423	1.115	0.890	3.637	2.522	1.632
	Hardwood	2.323	0.392	0.639	0.304	2.716	2.077	1.773
	Total	2.731	0.398	1.081	0.891	3.129	2.048	1.158

Table 2a. Province of Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and age class for softwood.

Softwood								
Landowner	Age Class	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0 - 20	0.016	0.065	0.136	3.869	0.081	-0.055	-3.925
	21 - 40	1.026	0.737	0.124	0.242	1.763	1.639	1.398
	41 - 60	2.068	0.393	0.627	0.007	2.461	1.834	1.827
	61 - 80	1.606	0.206	1.210	0.077	1.813	0.602	0.526
	81 - 100	1.274	0.174	1.069	0.046	1.448	0.379	0.333
	101+	1.572	0.212	1.293	0.145	1.784	0.491	0.346
	Uneven	1.846	0.387	0.345	0.000	2.234	1.889	1.889
	Total	1.469	0.294	0.824	0.403	1.762	0.938	0.536
Large Private	0 - 20	0.055	0.068	0.158	7.347	0.123	-0.035	-7.382
	21 - 40	1.115	0.941	0.056	0.033	2.056	2.000	1.967
	41 - 60	2.632	0.416	0.592	0.226	3.048	2.456	2.230
	61 - 80	2.781	0.221	0.987	0.189	3.002	2.015	1.826
	81 - 100	2.355	0.185	0.770	0.675	2.540	1.770	1.095
	101+	2.491	0.137	1.500	0.963	2.627	1.128	0.165
	Uneven	1.291	0.239	0.222	3.976	1.530	1.308	-2.668
	Total	2.213	0.311	0.719	1.134	2.524	1.805	0.670
Small Private	0 - 20	0.051	0.064	0.415	5.733	0.115	-0.300	-6.032
	21 - 40	1.601	0.776	0.184	0.621	2.377	2.194	1.572
	41 - 60	2.552	0.360	0.688	0.383	2.911	2.224	1.841
	61 - 80	2.311	0.235	1.309	0.431	2.546	1.238	0.807
	81 - 100	2.067	0.180	1.231	0.232	2.247	1.016	0.784
	101+	2.245	0.186	1.163	0.612	2.432	1.269	0.656
	Uneven	1.898	0.419	0.796	0.000	2.316	1.520	1.520
	Total	2.164	0.312	0.909	0.718	2.476	1.567	0.849
Total	0 - 20	0.040	0.065	0.253	5.586	0.105	-0.148	-5.735
	21 - 40	1.329	0.798	0.141	0.387	2.127	1.986	1.599
	41 - 60	2.433	0.374	0.650	0.263	2.807	2.157	1.894
	61 - 80	2.176	0.225	1.220	0.279	2.401	1.181	0.902
	81 - 100	1.802	0.172	1.066	0.250	1.974	0.908	0.658
	101+	2.086	0.173	1.270	0.600	2.258	0.989	0.388
	Uneven	1.756	0.367	0.512	0.994	2.124	1.612	0.618
	Total	1.956	0.303	0.846	0.695	2.259	1.412	0.716

Table 2b. Province of Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and age class for hardwood.

Hardwood								
Landowner	Age Class	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0 - 20	0.016	0.005	0.155	1.000	0.020	-0.135	-1.135
	21 - 40	0.253	0.188	0.159	0.050	0.441	0.282	0.232
	41 - 60	0.549	0.094	0.171	0.050	0.643	0.472	0.422
	61 - 80	0.839	0.049	0.215	0.019	0.888	0.673	0.654
	81 - 100	0.765	0.024	0.322	0.000	0.789	0.467	0.467
	101+	0.433	0.005	0.223	0.158	0.438	0.215	0.056
	Uneven	0.962	0.125	0.462	0.000	1.087	0.625	0.625
	Total	0.600	0.065	0.213	0.117	0.666	0.452	0.335
Large Private	0 - 20	0.009	0.010	0.026	1.167	0.018	-0.008	-1.175
	21 - 40	0.288	0.174	0.103	0.035	0.462	0.359	0.324
	41 - 60	0.943	0.129	0.238	0.075	1.071	0.833	0.759
	61 - 80	0.826	0.036	0.293	0.124	0.861	0.568	0.444
	81 - 100	0.889	0.038	0.472	0.284	0.926	0.455	0.170
	101+	0.413	0.027	0.190	0.000	0.440	0.251	0.251
	Uneven	0.208	0.000	0.108	0.261	0.208	0.101	-0.160
	Total	0.697	0.070	0.252	0.212	0.767	0.515	0.302
Small Private	0 - 20	0.041	0.013	0.047	2.000	0.055	0.007	-1.992
	21 - 40	0.380	0.291	0.054	0.041	0.671	0.617	0.576
	41 - 60	0.979	0.181	0.201	0.098	1.160	0.959	0.862
	61 - 80	1.051	0.088	0.323	0.173	1.139	0.816	0.643
	81 - 100	0.945	0.073	0.273	0.104	1.018	0.745	0.641
	101+	0.584	0.042	0.175	0.155	0.625	0.451	0.296
	Uneven	0.490	0.037	0.369	0.000	0.527	0.158	0.158
	Total	0.871	0.132	0.229	0.230	1.003	0.773	0.543
Total	0 - 20	0.024	0.010	0.076	1.405	0.033	-0.043	-1.448
	21 - 40	0.323	0.237	0.097	0.043	0.560	0.463	0.420
	41 - 60	0.866	0.152	0.197	0.081	1.017	0.820	0.739
	61 - 80	0.948	0.067	0.288	0.120	1.015	0.727	0.606
	81 - 100	0.892	0.049	0.324	0.103	0.941	0.618	0.515
	101+	0.507	0.027	0.198	0.094	0.534	0.336	0.242
	Uneven	0.591	0.058	0.338	0.065	0.649	0.310	0.245
	Total	0.764	0.100	0.228	0.191	0.863	0.635	0.444

Table 2c. Province of Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and age class for softwood and hardwood.

Softwood + Hardwood								
Landowner	Age Class	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0 - 20	0.031	0.070	0.292	4.869	0.101	-0.190	-5.059
	21 - 40	1.279	0.925	0.283	0.292	2.204	1.921	1.629
	41 - 60	2.617	0.487	0.798	0.056	3.104	2.306	2.250
	61 - 80	2.446	0.255	1.426	0.095	2.701	1.275	1.180
	81 - 100	2.038	0.199	1.392	0.046	2.237	0.845	0.799
	101+	2.005	0.217	1.516	0.303	2.222	0.706	0.403
	Uneven	2.808	0.513	0.807	0.000	3.320	2.514	2.514
	Total	2.069	0.359	1.038	0.520	2.428	1.391	0.871
Large Private	0 - 20	0.064	0.077	0.184	8.514	0.141	-0.043	-8.557
	21 - 40	1.403	1.115	0.159	0.068	2.518	2.359	2.291
	41 - 60	3.574	0.545	0.830	0.301	4.119	3.289	2.988
	61 - 80	3.607	0.256	1.280	0.313	3.863	2.583	2.270
	81 - 100	3.244	0.222	1.241	0.959	3.466	2.225	1.266
	101+	2.904	0.164	1.689	0.963	3.068	1.379	0.416
	Uneven	1.499	0.239	0.330	4.237	1.738	1.409	-2.829
	Total	2.909	0.381	0.971	1.346	3.291	2.319	0.973
Small Private	0 - 20	0.092	0.077	0.462	7.732	0.170	-0.293	-8.025
	21 - 40	1.981	1.067	0.238	0.662	3.048	2.810	2.149
	41 - 60	3.530	0.541	0.888	0.481	4.071	3.183	2.702
	61 - 80	3.363	0.323	1.632	0.604	3.686	2.053	1.450
	81 - 100	3.012	0.253	1.504	0.335	3.265	1.761	1.425
	101+	2.829	0.228	1.338	0.767	3.057	1.719	0.952
	Uneven	2.387	0.456	1.166	0.000	2.843	1.678	1.678
	Total	3.035	0.444	1.138	0.949	3.479	2.341	1.392
Total	0 - 20	0.064	0.074	0.330	6.991	0.138	-0.192	-7.183
	21 - 40	1.651	1.035	0.238	0.430	2.687	2.449	2.019
	41 - 60	3.299	0.526	0.847	0.344	3.825	2.977	2.633
	61 - 80	3.125	0.292	1.509	0.400	3.416	1.908	1.508
	81 - 100	2.694	0.221	1.390	0.353	2.915	1.525	1.172
	101+	2.593	0.200	1.468	0.694	2.793	1.324	0.630
	Uneven	2.347	0.425	0.850	1.059	2.772	1.922	0.863
	Total	2.720	0.402	1.075	0.885	3.122	2.047	1.162

Table 3a. Province of Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and land capability for softwood.

Softwood								
Landowner	Land Cap	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	3	1.013	0.277	1.063	0.191	1.290	0.227	0.036
	4	1.757	0.229	1.026	0.806	1.986	0.960	0.154
	5	1.702	0.348	0.687	0.450	2.050	1.363	0.913
	6	2.159	0.346	0.546	1.155	2.505	1.959	0.804
	Total	1.469	0.294	0.824	0.403	1.762	0.938	0.536
Large Private	3	2.340	0.326	0.652	0.195	2.665	2.013	1.818
	4	2.119	0.380	0.663	2.148	2.500	1.837	-0.312
	5	2.409	0.296	0.740	1.407	2.705	1.966	0.558
	6	1.958	0.223	0.674	0.000	2.181	1.507	1.507
	Total	2.213	0.311	0.719	1.134	2.524	1.805	0.670
Small Private	3	1.830	0.317	1.076	0.244	2.147	1.071	0.827
	4	2.529	0.310	1.104	0.978	2.839	1.735	0.757
	5	2.206	0.312	0.821	0.766	2.517	1.696	0.930
	6	2.601	0.367	0.706	1.881	2.967	2.262	0.380
	Total	2.164	0.312	0.909	0.718	2.476	1.567	0.849
Total	3	1.661	0.304	0.987	0.213	1.965	0.978	0.765
	4	2.300	0.305	1.002	1.117	2.605	1.603	0.485
	5	2.080	0.313	0.762	0.800	2.393	1.631	0.831
	6	2.466	0.329	0.676	1.377	2.795	2.119	0.742
	Total	1.956	0.303	0.846	0.695	2.259	1.412	0.718

Table 3b. Province of Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and land capability for hardwood.

Hardwood								
Landowner	Land Cap	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	3	0.371	0.029	0.183	0.011	0.399	0.216	0.205
	4	0.980	0.077	0.345	0.123	1.058	0.712	0.590
	5	0.676	0.092	0.242	0.205	0.768	0.526	0.321
	6	0.736	0.067	0.079	0.000	0.802	0.723	0.723
	Total	0.600	0.065	0.213	0.117	0.666	0.452	0.335
Large Private	3	0.455	0.048	0.285	0.023	0.503	0.219	0.196
	4	0.832	0.092	0.222	0.160	0.924	0.703	0.543
	5	0.760	0.072	0.254	0.351	0.832	0.578	0.227
	6	1.792	0.199	0.754	0.000	1.991	1.237	1.237
	Total	0.697	0.070	0.252	0.212	0.767	0.515	0.302
Small Private	3	0.716	0.099	0.275	0.182	0.815	0.540	0.357
	4	1.087	0.143	0.289	0.263	1.230	0.941	0.678
	5	0.839	0.148	0.207	0.246	0.987	0.780	0.535
	6	1.288	0.131	0.213	0.440	1.419	1.206	0.766
	Total	0.871	0.132	0.229	0.230	1.003	0.773	0.543
Total	3	0.568	0.068	0.245	0.095	0.636	0.391	0.295
	4	1.018	0.121	0.292	0.212	1.139	0.847	0.634
	5	0.784	0.113	0.226	0.253	0.897	0.671	0.418
	6	1.337	0.134	0.303	0.282	1.471	1.167	0.885
	Total	0.764	0.100	0.228	0.191	0.863	0.635	0.444

Table 3c. Province of Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and land capability for softwood and hardwood.

Softwood + Hardwood								
Landowner	Land Cap	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	3	1.383	0.306	1.247	0.202	1.689	0.443	0.241
	4	2.738	0.306	1.372	0.929	3.044	1.672	0.743
	5	2.377	0.440	0.929	0.655	2.818	1.889	1.234
	6	2.895	0.412	0.625	1.155	3.307	2.682	1.527
	Total	2.069	0.359	1.038	0.520	2.428	1.391	0.871
Large Private	3	2.795	0.374	0.937	0.218	3.169	2.231	2.014
	4	2.951	0.473	0.885	2.308	3.424	2.540	0.231
	5	3.169	0.368	0.994	1.758	3.537	2.543	0.785
	6	3.750	0.422	1.428	0.000	4.172	2.744	2.744
	Total	2.909	0.381	0.971	1.346	3.291	2.319	0.973
Small Private	3	2.546	0.416	1.351	0.427	2.962	1.611	1.184
	4	3.616	0.453	1.393	1.241	4.069	2.676	1.435
	5	3.045	0.459	1.028	1.012	3.504	2.476	1.464
	6	3.888	0.498	0.919	2.321	4.386	3.467	1.146
	Total	3.035	0.444	1.138	0.949	3.479	2.341	1.392
Total	1	0.564	0.223	0.449	0.003	0.787	0.338	0.335
	2	1.136	0.246	0.849	0.027	1.383	0.534	0.507
	3	2.229	0.372	1.233	0.309	2.601	1.368	1.060
	4	3.318	0.426	1.294	1.330	3.744	2.449	1.120
	5	2.863	0.427	0.988	1.052	3.290	2.302	1.250
	6	3.802	0.463	0.979	1.660	4.266	3.287	1.627
	7	4.975	0.379	1.390	0.031	5.353	3.963	3.932
	8	6.447	2.096	0.151	0.000	8.544	8.393	8.393
	9	11.124	0.000	0.332	0.000	11.124	10.792	10.792
	Total	2.720	0.402	1.075	0.885	3.122	2.047	1.162

Table 4. Eastern Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and cover type.

Softwood

Landowner	Covertype	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	1.000	0.273	1.303	0.396	1.274	-0.030	-0.425
	Mixedwood	1.487	0.284	0.953	0.345	1.771	0.817	0.473
	Hardwood	0.363	0.088	0.083	0.000	0.451	0.369	0.369
	Total	1.057	0.257	1.090	0.343	1.314	0.224	-0.118
Large Private	Softwood	1.518	0.156	1.054	3.341	1.674	0.620	-2.721
	Mixedwood	1.715	0.369	1.316	0.000	2.084	0.768	0.768
	Hardwood	0.962	0.686	0.072	0.092	1.648	1.576	1.483
	Total	1.464	0.315	0.936	1.817	1.779	0.844	-0.973
Small Private	Softwood	1.856	0.309	1.368	0.959	2.165	0.797	-0.162
	Mixedwood	1.249	0.207	1.130	0.801	1.456	0.327	-0.474
	Hardwood	0.425	0.136	0.114	0.024	0.561	0.447	0.423
	Total	1.471	0.254	1.120	0.779	1.725	0.605	-0.174
Total	Softwood	1.380	0.277	1.319	0.767	1.657	0.338	-0.430
	Mixedwood	1.331	0.238	1.062	0.563	1.570	0.508	-0.055
	Hardwood	0.427	0.158	0.088	0.019	0.585	0.496	0.478
	Total	1.236	0.250	1.081	0.610	1.486	0.405	-0.204

Hardwood

Landowner	Covertype	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	0.162	0.034	0.052	0.066	0.196	0.144	0.078
	Mixedwood	1.114	0.091	0.493	0.434	1.205	0.712	0.278
	Hardwood	1.738	0.067	0.734	0.000	1.805	1.071	1.071
	Total	0.563	0.052	0.232	0.152	0.614	0.382	0.230
Large Private	Softwood	0.204	0.023	0.024	0.000	0.227	0.203	0.203
	Mixedwood	1.189	0.064	1.303	0.000	1.253	-0.050	-0.050
	Hardwood	1.485	0.261	0.716	0.204	1.747	1.030	0.826
	Total	0.716	0.080	0.501	0.039	0.795	0.294	0.255
Small Private	Softwood	0.275	0.086	0.096	0.046	0.361	0.266	0.220
	Mixedwood	1.457	0.134	0.544	0.563	1.591	1.047	0.484
	Hardwood	2.207	0.244	0.541	0.261	2.451	1.910	1.649
	Total	0.905	0.123	0.294	0.233	1.027	0.733	0.501
Total	Softwood	0.207	0.055	0.068	0.049	0.263	0.195	0.146
	Mixedwood	1.322	0.112	0.553	0.467	1.434	0.881	0.414
	Hardwood	1.934	0.188	0.578	0.144	2.122	1.543	1.400
	Total	0.745	0.089	0.269	0.175	0.834	0.565	0.390

Softwood + Hardwood

Landowner	Covertype	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	1.162	0.307	1.355	0.462	1.469	0.115	-0.347
	Mixedwood	2.601	0.375	1.446	0.779	2.976	1.530	0.751
	Hardwood	2.102	0.155	0.816	0.000	2.256	1.440	1.440
	Total	1.620	0.309	1.323	0.494	1.929	0.606	0.112
Large Private	Softwood	1.722	0.178	1.077	3.341	1.900	0.823	-2.518
	Mixedwood	2.904	0.432	2.619	0.000	3.337	0.718	0.718
	Hardwood	2.448	0.947	0.789	0.297	3.395	2.606	2.309
	Total	2.180	0.394	1.437	1.856	2.574	1.137	-0.719
Small Private	Softwood	2.131	0.396	1.464	1.005	2.526	1.063	0.058
	Mixedwood	2.706	0.341	1.673	1.364	3.047	1.374	0.010
	Hardwood	2.632	0.380	0.656	0.285	3.012	2.357	2.072
	Total	2.375	0.377	1.414	1.012	2.752	1.339	0.327
Total	Softwood	1.588	0.332	1.387	0.817	1.920	0.533	-0.284
	Mixedwood	2.653	0.351	1.615	1.031	3.004	1.369	0.359
	Hardwood	2.361	0.346	0.667	0.162	2.707	2.040	1.878
	Total	1.981	0.339	1.349	0.785	2.320	0.971	0.186

Table 5a. Eastern Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and age class for softwood.

Softwood								
Landowner	Age Class	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0 - 20	0.021	0.007	0.184	2.249	0.028	-0.155	-2.405
	21 - 40	0.805	0.740	0.218	0.000	1.545	1.327	1.327
	41 - 60	1.638	0.451	1.034	0.000	2.088	1.055	1.055
	61 - 80	1.277	0.181	1.675	0.062	1.457	-0.217	-0.280
	81 - 100	1.118	0.166	1.390	0.000	1.283	-0.106	-0.106
	101+	0.884	0.196	1.282	0.000	1.080	-0.203	-0.203
	Uneven	1.614	0.390	0.073	0.000	2.003	1.930	1.930
	Total	1.062	0.268	1.084	0.341	1.330	0.245	-0.096
Large Private	0 - 20	0.150	0.109	0.183	7.795	0.259	0.077	-7.719
	21 - 40	0.647	1.044	0.000	0.115	1.690	1.690	1.575
	41 - 60	2.051	0.244	1.008	0.000	2.295	1.287	1.287
	61 - 80	1.625	0.310	1.495	0.000	1.935	0.440	0.440
	81 - 100	2.133	0.319	0.920	0.000	2.452	1.532	1.532
	101+	1.888	0.259	2.051	0.000	2.147	0.096	0.096
	Total	1.429	0.357	0.901	1.749	1.787	0.886	-0.864
Small Private	0 - 20	0.071	0.043	0.799	4.593	0.114	-0.686	-5.278
	21 - 40	1.653	0.504	0.169	0.345	2.157	1.988	1.643
	41 - 60	2.266	0.327	0.765	0.456	2.593	1.829	1.373
	61 - 80	1.261	0.206	1.639	0.431	1.467	-0.173	-0.604
	81 - 100	0.930	0.171	1.529	0.244	1.101	-0.428	-0.672
	101+	0.973	0.178	0.973	0.000	1.151	0.178	0.178
	Uneven	2.038	0.258	2.363	0.000	2.295	-0.068	-0.068
	Total	1.458	0.254	1.108	0.772	1.712	0.604	-0.169
Total	0 - 20	0.052	0.030	0.429	3.621	0.082	-0.346	-3.968
	21 - 40	1.210	0.650	0.175	0.185	1.859	1.684	1.499
	41 - 60	1.960	0.347	0.821	0.269	2.307	1.486	1.217
	61 - 80	1.237	0.203	1.650	0.260	1.440	-0.210	-0.470
	81 - 100	1.001	0.159	1.366	0.086	1.160	-0.206	-0.291
	101+	0.972	0.182	1.111	0.000	1.154	0.043	0.043
	Uneven	1.744	0.358	0.680	0.000	2.101	1.421	1.421
	Total	1.231	0.257	1.071	0.604	1.488	0.417	-0.188

Table 5b. Eastern Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and age class for hardwood.

Hardwood								
Landowner	Age Class	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0 - 20	0.012	0.007	0.156	0.973	0.019	-0.138	-1.110
	21 - 40	0.168	0.130	0.308	0.000	0.298	-0.010	-0.010
	41 - 60	0.528	0.075	0.196	0.000	0.604	0.408	0.408
	61 - 80	0.837	0.049	0.181	0.045	0.887	0.706	0.661
	81 - 100	0.764	0.025	0.325	0.000	0.789	0.464	0.464
	101+	0.495	0.008	0.290	0.000	0.502	0.213	0.213
	Uneven	1.108	0.195	0.233	0.000	1.303	1.070	1.070
	Total	0.560	0.052	0.231	0.151	0.611	0.380	0.229
Large Private	0 - 20	0.116	0.039	0.045	0.000	0.154	0.109	0.109
	21 - 40	0.096	0.163	0.008	0.255	0.259	0.250	-0.005
	41 - 60	1.278	0.159	0.794	0.000	1.437	0.643	0.643
	61 - 80	0.826	0.006	0.258	0.000	0.832	0.574	0.574
	81 - 100	1.048	0.032	1.503	0.000	1.080	-0.423	-0.423
	101+	0.055	0.026	0.000	0.000	0.081	0.081	0.081
	Total	0.689	0.077	0.483	0.038	0.766	0.283	0.245
Small Private	0 - 20	0.037	0.024	0.107	1.937	0.060	-0.047	-1.983
	21 - 40	0.322	0.352	0.032	0.004	0.674	0.642	0.638
	41 - 60	0.970	0.170	0.174	0.059	1.141	0.967	0.909
	61 - 80	1.100	0.072	0.524	0.107	1.172	0.648	0.541
	81 - 100	1.288	0.074	0.354	0.000	1.362	1.008	1.008
	101+	0.837	0.003	0.162	0.000	0.840	0.678	0.678
	Uneven	0.393	0.000	0.000	0.000	0.393	0.393	0.393
	Total	0.897	0.123	0.292	0.231	1.020	0.728	0.497
Total	0 - 20	0.031	0.016	0.120	1.210	0.047	-0.074	-1.284
	21 - 40	0.236	0.242	0.151	0.022	0.478	0.327	0.305
	41 - 60	0.827	0.141	0.206	0.035	0.968	0.762	0.728
	61 - 80	0.949	0.059	0.370	0.077	1.009	0.639	0.562
	81 - 100	1.011	0.047	0.362	0.000	1.059	0.697	0.697
	101+	0.654	0.011	0.227	0.000	0.665	0.438	0.438
	Uneven	0.897	0.142	0.170	0.000	1.039	0.868	0.868
	Total	0.739	0.089	0.267	0.174	0.828	0.561	0.388

Table 5c. Eastern Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and age class for softwood and hardwood.

Softwood + Hardwood								
Landowner	Age Class	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0 - 20	0.033	0.013	0.340	3.222	0.047	-0.293	-3.515
	21 - 40	0.973	0.870	0.526	0.000	1.844	1.317	1.317
	41 - 60	2.166	0.526	1.230	0.000	2.692	1.462	1.462
	61 - 80	2.114	0.230	1.855	0.107	2.344	0.489	0.381
	81 - 100	1.882	0.191	1.715	0.000	2.073	0.358	0.358
	101+	1.378	0.203	1.572	0.000	1.582	0.010	0.010
	Uneven	2.722	0.584	0.306	0.000	3.306	3.000	3.000
	Total	1.621	0.320	1.316	0.492	1.941	0.625	0.134
Large Private	0 - 20	0.266	0.148	0.228	7.795	0.414	0.186	-7.609
	21 - 40	0.742	1.207	0.008	0.371	1.949	1.941	1.570
	41 - 60	3.329	0.403	1.802	0.000	3.732	1.930	1.930
	61 - 80	2.452	0.316	1.753	0.000	2.767	1.014	1.014
	81 - 100	3.181	0.352	2.422	0.000	3.532	1.110	1.110
	101+	1.943	0.285	2.051	0.000	2.227	0.176	0.176
	Total	2.119	0.434	1.384	1.787	2.552	1.169	-0.619
Small Private	0 - 20	0.107	0.067	0.906	6.529	0.174	-0.732	-7.262
	21 - 40	1.975	0.855	0.201	0.349	2.830	2.630	2.281
	41 - 60	3.237	0.498	0.938	0.514	3.734	2.796	2.282
	61 - 80	2.360	0.279	2.163	0.538	2.639	0.476	-0.063
	81 - 100	2.218	0.245	1.883	0.244	2.463	0.580	0.336
	101+	1.810	0.181	1.135	0.000	1.991	0.856	0.856
	Uneven	2.431	0.258	2.363	0.000	2.689	0.326	0.326
	Total	2.355	0.376	1.400	1.003	2.732	1.332	0.329
Total	0 - 20	0.083	0.046	0.549	4.831	0.129	-0.420	-5.251
	21 - 40	1.446	0.892	0.326	0.207	2.337	2.011	1.804
	41 - 60	2.787	0.488	1.027	0.304	3.275	2.249	1.945
	61 - 80	2.186	0.262	2.020	0.337	2.448	0.428	0.092
	81 - 100	2.013	0.207	1.728	0.086	2.219	0.491	0.405
	101+	1.626	0.193	1.337	0.000	1.819	0.481	0.481
	Uneven	2.641	0.499	0.850	0.000	3.140	2.290	2.290
	Total	1.970	0.345	1.338	0.778	2.315	0.978	0.200

Table 6a. Eastern Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and land capability for softwood.

Softwood								
Landowner	Land Cap	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	3	0.886	0.224	1.375	0.263	1.109	-0.266	-0.528
	4	1.217	0.196	1.418	0.494	1.413	-0.005	-0.499
	5	1.159	0.321	0.850	0.347	1.480	0.630	0.283
	6	2.041	0.688	0.888	2.599	2.729	1.841	-0.759
	Total	1.062	0.268	1.084	0.341	1.330	0.245	-0.096
Large Private	3	1.612	0.546	1.294	0.000	2.158	0.864	0.864
	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	5	1.787	0.412	0.790	2.952	2.199	1.409	-1.544
	6	0.344	0.004	2.519	0.000	0.348	-2.172	-2.172
	Total	1.429	0.357	0.901	1.749	1.787	0.886	-0.864
Small Private	3	1.120	0.241	1.540	0.122	1.360	-0.180	-0.302
	4	1.972	0.255	1.237	0.793	2.227	0.990	0.197
	5	1.307	0.267	0.918	1.111	1.573	0.656	-0.456
	6	1.906	0.319	0.957	0.929	2.225	1.268	0.339
	Total	1.458	0.254	1.108	0.772	1.712	0.604	-0.169
Total	3	0.998	0.242	1.433	0.178	1.240	-0.192	-0.370
	4	1.711	0.234	1.236	0.685	1.945	0.710	0.025
	5	1.224	0.290	0.854	0.878	1.515	0.661	-0.217
	6	1.723	0.371	0.978	1.230	2.094	1.117	-0.114
	Total	1.231	0.257	1.071	0.604	1.488	0.417	-0.188

Table 6b. Eastern Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and land capability for hardwood.

Hardwood								
Landowner	Land Cap	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	3	0.393	0.018	0.285	0.021	0.411	0.126	0.105
	4	0.956	0.065	0.112	0.114	1.021	0.909	0.795
	5	0.675	0.077	0.321	0.293	0.752	0.431	0.138
	6	0.226	0.126	0.008	0.000	0.352	0.344	0.344
	Total	0.560	0.052	0.231	0.151	0.611	0.380	0.229
Large Private	3	0.547	0.007	0.853	0.000	0.554	-0.299	-0.299
	4	2.122	0.171	0.633	0.000	2.293	1.660	1.660
	5	0.614	0.103	0.259	0.064	0.717	0.459	0.395
	6	2.292	0.045	4.149	0.000	2.337	-1.812	-1.812
	Total	0.689	0.077	0.483	0.038	0.766	0.283	0.245
Small Private	3	0.795	0.093	0.499	0.173	0.887	0.388	0.215
	4	0.978	0.137	0.342	0.301	1.115	0.773	0.473
	5	0.901	0.140	0.209	0.235	1.041	0.832	0.596
	6	1.057	0.059	0.142	0.211	1.116	0.974	0.762
	Total	0.897	0.123	0.292	0.231	1.020	0.728	0.497
Total	3	0.612	0.054	0.384	0.081	0.666	0.281	0.200
	4	0.987	0.122	0.290	0.240	1.109	0.820	0.579
	5	0.782	0.107	0.254	0.235	0.889	0.635	0.401
	6	1.110	0.085	0.350	0.132	1.195	0.844	0.712
	Total	0.739	0.089	0.267	0.174	0.828	0.561	0.388

Table 6c. Eastern Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and land capability for softwood and hardwood.

Softwood + Hardwood								
Landowner	Land Cap	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	3	1.279	0.241	1.660	0.284	1.520	-0.140	-0.423
	4	2.172	0.262	1.529	0.609	2.434	0.905	0.296
	5	1.834	0.398	1.171	0.639	2.232	1.061	0.422
	6	2.267	0.814	0.896	2.599	3.081	2.184	-0.415
	Total	1.621	0.320	1.316	0.492	1.941	0.625	0.134
Large Private	3	2.158	0.554	2.147	0.000	2.712	0.565	0.565
	4	2.122	0.171	0.633	0.000	2.293	1.660	1.660
	5	2.401	0.515	1.049	3.016	2.916	1.867	-1.149
	6	2.636	0.049	6.669	0.000	2.685	-3.984	-3.984
	Total	2.119	0.434	1.384	1.787	2.552	1.169	-0.619
Small Private	3	1.914	0.334	2.040	0.296	2.248	0.208	-0.088
	4	2.951	0.392	1.579	1.094	3.343	1.764	0.670
	5	2.207	0.407	1.127	1.347	2.614	1.487	0.141
	6	2.963	0.378	1.099	1.140	3.341	2.241	1.101
	Total	2.355	0.376	1.400	1.003	2.732	1.332	0.329
Total	1	0.439	0.177	0.571	0.000	0.616	0.045	0.045
	2	0.753	0.174	1.125	0.024	0.927	-0.198	-0.222
	3	1.610	0.296	1.817	0.259	1.906	0.089	-0.170
	4	2.698	0.356	1.525	0.925	3.054	1.529	0.604
	5	2.006	0.397	1.108	1.112	2.403	1.296	0.184
	6	2.833	0.456	1.328	1.362	3.289	1.961	0.599
	7	4.461	0.377	1.689	0.082	4.838	3.149	3.067
	Total	1.970	0.345	1.338	0.778	2.315	0.978	0.200

Table 7. Central Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and cover type.

Softwood

Landowner	Covertype	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	2.215	0.319	1.181	1.285	2.535	1.354	0.069
	Mixedwood	2.085	0.654	0.729	0.343	2.739	2.009	1.666
	Hardwood	0.787	0.231	0.031	0.000	1.017	0.986	0.986
	Total	1.873	0.377	0.825	0.786	2.250	1.425	0.638
Large Private	Softwood	2.244	0.348	0.855	2.271	2.593	1.737	-0.534
	Mixedwood	2.559	0.275	0.833	0.070	2.834	2.001	1.931
	Hardwood	0.684	0.125	0.129	0.119	0.809	0.680	0.561
	Total	2.084	0.293	0.735	1.321	2.377	1.642	0.322
Small Private	Softwood	3.075	0.415	1.453	1.185	3.491	2.038	0.853
	Mixedwood	2.287	0.289	0.662	0.428	2.576	1.914	1.486
	Hardwood	0.645	0.207	0.191	0.091	0.852	0.661	0.570
	Total	2.441	0.340	0.990	0.758	2.782	1.792	1.034
Total	Softwood	2.661	0.376	1.222	1.512	3.038	1.816	0.304
	Mixedwood	2.323	0.340	0.714	0.328	2.663	1.949	1.621
	Hardwood	0.697	0.190	0.131	0.074	0.887	0.756	0.682
	Total	2.233	0.334	0.886	0.912	2.568	1.682	0.769

Hardwood

Landowner	Covertype	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	0.181	0.032	0.067	0.075	0.212	0.145	0.070
	Mixedwood	0.694	0.084	0.453	0.107	0.778	0.325	0.218
	Hardwood	1.423	0.196	0.607	0.083	1.619	1.012	0.928
	Total	0.571	0.080	0.275	0.084	0.650	0.376	0.292
Large Private	Softwood	0.171	0.027	0.067	0.108	0.198	0.131	0.023
	Mixedwood	1.044	0.095	0.487	0.040	1.139	0.652	0.612
	Hardwood	2.078	0.259	0.564	0.626	2.337	1.774	1.148
	Total	0.713	0.082	0.260	0.171	0.795	0.535	0.364
Small Private	Softwood	0.330	0.065	0.066	0.103	0.396	0.330	0.228
	Mixedwood	1.347	0.173	0.338	0.104	1.520	1.182	1.078
	Hardwood	1.912	0.238	0.713	0.447	2.150	1.438	0.991
	Total	0.920	0.129	0.256	0.154	1.049	0.792	0.638
Total	Softwood	0.253	0.047	0.066	0.098	0.300	0.234	0.136
	Mixedwood	1.176	0.141	0.391	0.089	1.317	0.926	0.837
	Hardwood	1.820	0.231	0.649	0.394	2.052	1.402	1.009
	Total	0.794	0.106	0.262	0.144	0.901	0.639	0.495

Softwood + Hardwood

Landowner	Covertype	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	2.396	0.351	1.248	1.360	2.747	1.499	0.139
	Mixedwood	2.779	0.737	1.182	0.450	3.516	2.334	1.884
	Hardwood	2.210	0.426	0.638	0.083	2.636	1.998	1.915
	Total	2.443	0.457	1.100	0.871	2.900	1.800	0.930
Large Private	Softwood	2.415	0.375	0.922	2.379	2.791	1.869	-0.511
	Mixedwood	3.602	0.371	1.320	0.110	3.973	2.653	2.543
	Hardwood	2.762	0.384	0.692	0.745	3.146	2.454	1.709
	Total	2.797	0.376	0.995	1.492	3.172	2.177	0.686
Small Private	Softwood	3.406	0.481	1.519	1.288	3.886	2.368	1.080
	Mixedwood	3.633	0.462	1.000	0.532	4.096	3.096	2.564
	Hardwood	2.557	0.445	0.904	0.538	3.003	2.099	1.561
	Total	3.361	0.469	1.246	0.912	3.830	2.584	1.672
Total	Softwood	2.915	0.424	1.288	1.610	3.338	2.050	0.440
	Mixedwood	3.499	0.481	1.105	0.417	3.980	2.875	2.458
	Hardwood	2.518	0.421	0.780	0.468	2.938	2.158	1.690
	Total	3.028	0.441	1.148	1.056	3.468	2.320	1.264

Table 8a. Central Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and age class for softwood.

Softwood								
Landowner	Age Class	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0 - 20	0.000	0.245	0.000	9.149	0.245	0.245	-8.904
	21 - 40	1.540	1.051	0.111	0.904	2.591	2.481	1.577
	41 - 60	2.425	0.478	0.657	0.021	2.903	2.246	2.224
	61 - 80	1.865	0.238	1.141	0.160	2.103	0.962	0.802
	81 - 100	1.513	0.195	0.773	0.210	1.709	0.936	0.726
	101+	2.527	0.259	2.153	0.628	2.787	0.634	0.006
	Uneven	3.548	0.666	0.965	0.000	4.213	3.248	3.248
	Total	1.873	0.377	0.825	0.786	2.250	1.425	0.638
Large Private	0 - 20	0.015	0.062	0.221	8.419	0.077	-0.144	-8.563
	21 - 40	0.972	0.899	0.102	0.035	1.870	1.769	1.734
	41 - 60	2.544	0.391	0.635	0.402	2.934	2.300	1.898
	61 - 80	2.601	0.204	0.867	0.328	2.805	1.939	1.611
	81 - 100	2.463	0.179	0.737	0.301	2.642	1.906	1.605
	101+	2.234	0.110	1.995	0.000	2.344	0.348	0.348
	Uneven	1.404	0.124	0.315	5.302	1.528	1.213	-4.089
	Total	2.084	0.293	0.735	1.321	2.377	1.642	0.322
Small Private	0 - 20	0.040	0.112	0.021	7.969	0.152	0.131	-7.839
	21 - 40	1.323	1.061	0.286	0.637	2.384	2.097	1.460
	41 - 60	2.536	0.343	0.859	0.273	2.879	2.020	1.746
	61 - 80	2.884	0.302	1.306	0.401	3.186	1.880	1.479
	81 - 100	2.457	0.178	1.138	0.095	2.635	1.497	1.401
	101+	2.728	0.140	1.756	0.258	2.867	1.112	0.854
	Uneven	1.823	0.598	0.547	0.000	2.421	1.874	1.874
	Total	2.428	0.345	0.982	0.752	2.773	1.791	1.039
Total	0 - 20	0.022	0.114	0.111	8.647	0.136	0.025	-8.622
	21 - 40	1.263	1.003	0.198	0.524	2.266	2.068	1.544
	41 - 60	2.528	0.380	0.762	0.252	2.908	2.146	1.894
	61 - 80	2.611	0.268	1.167	0.331	2.879	1.712	1.381
	81 - 100	2.240	0.182	0.940	0.176	2.421	1.482	1.305
	101+	2.488	0.148	1.883	0.212	2.635	0.753	0.541
	Uneven	2.028	0.362	0.505	3.181	2.389	1.884	-1.297
	Total	2.227	0.337	0.883	0.908	2.564	1.682	0.773

Table 8b. Central Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and age class for hardwood.

Hardwood								
Landowner	Age Class	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0 - 20	0.034	0.000	0.136	0.273	0.034	-0.102	-0.375
	21 - 40	0.177	0.148	0.079	0.000	0.324	0.245	0.245
	41 - 60	0.615	0.150	0.245	0.133	0.764	0.519	0.386
	61 - 80	0.698	0.047	0.300	0.000	0.745	0.445	0.445
	81 - 100	0.734	0.038	0.438	0.000	0.772	0.334	0.334
	101+	0.343	0.000	0.195	0.609	0.343	0.148	-0.461
	Uneven	0.650	0.000	1.345	0.000	0.650	-0.696	-0.696
	Total	0.571	0.080	0.275	0.084	0.650	0.376	0.292
Large Private	0 - 20	0.002	0.003	0.027	0.485	0.005	-0.022	-0.507
	21 - 40	0.416	0.216	0.071	0.000	0.632	0.561	0.561
	41 - 60	1.092	0.138	0.187	0.133	1.230	1.043	0.910
	61 - 80	0.777	0.042	0.431	0.248	0.820	0.389	0.140
	81 - 100	0.801	0.045	0.522	0.003	0.845	0.323	0.320
	101+	0.355	0.048	0.082	0.000	0.402	0.321	0.321
	Uneven	0.303	0.000	0.144	0.348	0.303	0.160	-0.188
	Total	0.713	0.082	0.260	0.171	0.795	0.535	0.364
Small Private	0 - 20	0.061	0.003	0.011	1.413	0.064	0.053	-1.361
	21 - 40	0.444	0.198	0.069	0.033	0.642	0.573	0.539
	41 - 60	1.175	0.220	0.296	0.077	1.396	1.100	1.023
	61 - 80	1.038	0.084	0.286	0.080	1.122	0.836	0.756
	81 - 100	0.725	0.098	0.276	0.137	0.823	0.547	0.410
	101+	0.275	0.041	0.176	0.000	0.315	0.139	0.139
	Uneven	0.385	0.052	0.521	0.000	0.437	-0.084	-0.084
	Total	0.920	0.136	0.254	0.153	1.055	0.801	0.648
Total	0 - 20	0.032	0.003	0.041	0.840	0.034	-0.007	-0.847
	21 - 40	0.378	0.194	0.076	0.016	0.572	0.496	0.480
	41 - 60	1.049	0.186	0.261	0.100	1.236	0.975	0.876
	61 - 80	0.913	0.067	0.323	0.102	0.979	0.657	0.554
	81 - 100	0.744	0.069	0.382	0.067	0.813	0.431	0.365
	101+	0.332	0.037	0.134	0.116	0.368	0.235	0.119
	Uneven	0.393	0.010	0.564	0.209	0.404	-0.160	-0.369
	Total	0.795	0.110	0.261	0.143	0.905	0.644	0.501

Table 8c. Central Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and age class for softwood and hardwood.

Softwood + Hardwood								
Landowner	Age Class	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0 - 20	0.034	0.245	0.136	9.422	0.279	0.143	-9.279
	21 - 40	1.717	1.199	0.190	0.904	2.915	2.726	1.822
	41 - 60	3.040	0.627	0.903	0.154	3.667	2.764	2.610
	61 - 80	2.563	0.284	1.441	0.160	2.848	1.407	1.247
	81 - 100	2.247	0.234	1.211	0.210	2.481	1.269	1.060
	101+	2.871	0.259	2.349	1.237	3.130	0.782	-0.455
	Uneven	4.197	0.666	2.311	0.000	4.863	2.552	2.552
	Total	2.443	0.457	1.100	0.871	2.900	1.800	0.930
Large Private	0 - 20	0.017	0.065	0.248	8.904	0.082	-0.167	-9.070
	21 - 40	1.387	1.115	0.173	0.035	2.502	2.330	2.295
	41 - 60	3.636	0.529	0.822	0.535	4.164	3.343	2.808
	61 - 80	3.379	0.246	1.297	0.576	3.625	2.327	1.751
	81 - 100	3.264	0.224	1.259	0.304	3.487	2.229	1.925
	101+	2.589	0.157	2.077	0.000	2.746	0.669	0.669
	Uneven	1.707	0.124	0.458	5.650	1.831	1.373	-4.277
	Total	2.797	0.376	0.995	1.492	3.172	2.177	0.686
Small Private	0 - 20	0.101	0.115	0.032	9.383	0.216	0.184	-9.199
	21 - 40	1.767	1.259	0.356	0.670	3.026	2.670	2.000
	41 - 60	3.711	0.564	1.155	0.350	4.275	3.119	2.769
	61 - 80	3.922	0.386	1.592	0.481	4.308	2.716	2.236
	81 - 100	3.182	0.276	1.414	0.232	3.458	2.043	1.811
	101+	3.002	0.180	1.932	0.258	3.183	1.251	0.993
	Uneven	2.208	0.650	1.067	0.000	2.858	1.791	1.791
	Total	3.348	0.481	1.237	0.905	3.828	2.592	1.687
Total	0 - 20	0.054	0.117	0.153	9.486	0.170	0.018	-9.469
	21 - 40	1.641	1.197	0.274	0.540	2.838	2.564	2.024
	41 - 60	3.577	0.567	1.023	0.352	4.144	3.121	2.769
	61 - 80	3.523	0.335	1.490	0.433	3.858	2.369	1.935
	81 - 100	2.983	0.251	1.321	0.243	3.234	1.913	1.670
	101+	2.819	0.185	2.016	0.328	3.004	0.988	0.660
	Uneven	2.421	0.372	1.068	3.390	2.793	1.724	-1.666
	Total	3.022	0.447	1.143	1.052	3.469	2.326	1.274

Table 9a. Central Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and land capability for softwood.

Softwood								
Landowner	Land Cap	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	3	1.155	0.440	1.151	0.271	1.595	0.444	0.174
	4	2.094	0.238	0.988	1.829	2.332	1.344	-0.485
	5	2.323	0.487	0.760	0.790	2.810	2.050	1.261
	6	2.245	0.103	0.056	0.000	2.349	2.293	2.293
	Total	1.873	0.377	0.825	0.786	2.250	1.425	0.638
Large Private	3	2.729	0.354	0.605	0.464	3.083	2.478	2.014
	4	1.657	0.405	0.539	3.081	2.062	1.523	-1.559
	5	2.206	0.247	0.787	1.313	2.453	1.666	0.352
	6	2.612	0.228	0.612	0.000	2.840	2.228	2.228
	Total	2.084	0.293	0.735	1.321	2.377	1.642	0.322
Small Private	3	2.131	0.399	1.162	0.423	2.530	1.369	0.946
	4	2.578	0.302	1.097	0.961	2.880	1.783	0.822
	5	2.576	0.339	0.986	0.687	2.915	1.930	1.243
	6	2.841	0.464	0.470	2.129	3.305	2.835	0.706
	Total	2.428	0.345	0.982	0.752	2.773	1.791	1.039
Total	3	2.108	0.395	1.018	0.406	2.503	1.485	1.078
	4	2.301	0.315	0.952	1.571	2.616	1.664	0.093
	5	2.411	0.341	0.878	0.889	2.752	1.874	0.985
	6	2.720	0.365	0.467	1.348	3.085	2.619	1.271
	Total	2.227	0.337	0.883	0.908	2.564	1.682	0.773

Table 9b. Central Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and land capability for hardwood.

Hardwood								
Landowner	Land Cap	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	3	0.323	0.061	0.093	0.000	0.384	0.291	0.291
	4	1.006	0.133	0.737	0.234	1.139	0.402	0.168
	5	0.545	0.082	0.207	0.077	0.627	0.420	0.343
	6	0.207	0.019	0.117	0.000	0.226	0.109	0.109
	Total	0.571	0.080	0.275	0.084	0.650	0.376	0.292
Large Private	3	0.487	0.066	0.344	0.005	0.553	0.209	0.204
	4	0.744	0.118	0.201	0.289	0.862	0.661	0.372
	5	0.809	0.079	0.288	0.228	0.889	0.601	0.373
	6	1.494	0.164	0.432	0.000	1.659	1.226	1.226
	Total	0.713	0.082	0.260	0.171	0.795	0.535	0.364
Small Private	3	0.550	0.095	0.176	0.027	0.645	0.469	0.442
	4	1.350	0.164	0.356	0.172	1.513	1.158	0.986
	5	0.812	0.139	0.250	0.163	0.951	0.702	0.539
	6	1.482	0.171	0.282	0.445	1.653	1.371	0.926
	Total	0.920	0.136	0.254	0.153	1.055	0.801	0.648
Total	3	0.493	0.081	0.204	0.016	0.574	0.370	0.354
	4	1.148	0.147	0.385	0.207	1.295	0.911	0.704
	5	0.758	0.110	0.255	0.164	0.868	0.614	0.450
	6	1.358	0.154	0.305	0.282	1.512	1.206	0.924
	Total	0.795	0.110	0.261	0.143	0.905	0.644	0.501

Table 9c. Central Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and land capability for softwood and hardwood.

Softwood + Hardwood								
Landowner	Land Cap	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	3	1.478	0.501	1.244	0.271	1.979	0.735	0.464
	4	3.100	0.371	1.725	2.063	3.471	1.746	-0.316
	5	2.868	0.569	0.967	0.867	3.437	2.471	1.603
	6	2.453	0.122	0.172	0.000	2.575	2.402	2.402
	Total	2.443	0.457	1.100	0.871	2.900	1.800	0.930
Large Private	3	3.216	0.419	0.949	0.469	3.636	2.686	2.218
	4	2.401	0.523	0.741	3.370	2.924	2.183	-1.187
	5	3.015	0.326	1.075	1.541	3.341	2.266	0.725
	6	4.106	0.393	1.045	0.000	4.499	3.454	3.454
	Total	2.797	0.376	0.995	1.492	3.172	2.177	0.686
Small Private	3	2.681	0.494	1.338	0.450	3.175	1.838	1.388
	4	3.928	0.466	1.453	1.133	4.394	2.941	1.808
	5	3.388	0.479	1.235	0.850	3.866	2.631	1.782
	6	4.323	0.635	0.752	2.574	4.958	4.206	1.632
	Total	3.348	0.481	1.237	0.905	3.828	2.592	1.687
Total	1	0.726	0.244	0.455	0.010	0.970	0.515	0.505
	2	1.306	0.240	0.903	0.048	1.546	0.644	0.596
	3	2.601	0.476	1.222	0.422	3.077	1.855	1.432
	4	3.449	0.462	1.337	1.778	3.911	2.575	0.797
	5	3.169	0.451	1.132	1.053	3.620	2.488	1.434
	6	4.078	0.519	0.772	1.630	4.597	3.825	2.195
	7	4.561	0.446	0.977	0.000	5.007	4.030	4.030
	8	2.445	2.524	0.000	0.000	4.969	4.969	4.969
	Total	3.022	0.447	1.143	1.052	3.469	2.326	1.274

Table 10. Western Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and cover type.

Softwood

Landowner	Covertype	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	2.415	0.299	0.542	0.010	2.714	2.171	2.161
	Mixedwood	1.994	0.243	0.614	0.451	2.237	1.622	1.171
	Hardwood	0.626	0.213	0.089	0.002	0.840	0.750	0.748
	Total	1.721	0.255	0.418	0.135	1.977	1.558	1.424
Large Private	Softwood	2.670	0.298	0.860	1.002	2.968	2.108	1.106
	Mixedwood	2.608	0.351	0.542	0.591	2.958	2.417	1.825
	Hardwood	1.528	0.348	0.127	0.278	1.876	1.749	1.470
	Total	2.539	0.324	0.662	0.770	2.863	2.202	1.432
Small Private	Softwood	3.317	0.376	0.842	0.695	3.692	2.850	2.155
	Mixedwood	2.155	0.320	0.644	0.796	2.475	1.832	1.036
	Hardwood	0.714	0.175	0.055	0.021	0.890	0.835	0.814
	Total	2.494	0.325	0.652	0.638	2.820	2.167	1.530
Total	Softwood	2.944	0.337	0.799	0.629	3.281	2.483	1.853
	Mixedwood	2.287	0.310	0.606	0.655	2.597	1.991	1.337
	Hardwood	0.793	0.219	0.090	0.046	1.013	0.922	0.876
	Total	2.325	0.307	0.603	0.537	2.632	2.028	1.491

Hardwood

Landowner	Covertype	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	0.296	0.073	0.026	0.000	0.369	0.343	0.343
	Mixedwood	0.849	0.058	0.227	0.246	0.907	0.680	0.434
	Hardwood	1.037	0.089	0.161	0.081	1.127	0.965	0.884
	Total	0.692	0.074	0.127	0.097	0.766	0.639	0.542
Large Private	Softwood	0.193	0.031	0.073	0.058	0.224	0.151	0.093
	Mixedwood	1.078	0.069	0.187	0.652	1.147	0.960	0.308
	Hardwood	1.518	0.102	0.872	0.046	1.620	0.748	0.702
	Total	0.678	0.053	0.194	0.301	0.731	0.537	0.237
Small Private	Softwood	0.398	0.073	0.043	0.018	0.471	0.428	0.410
	Mixedwood	1.073	0.150	0.167	0.706	1.224	1.056	0.351
	Hardwood	1.358	0.294	0.422	0.319	1.652	1.230	0.912
	Total	0.797	0.135	0.146	0.327	0.932	0.786	0.459
Total	Softwood	0.320	0.061	0.047	0.025	0.381	0.334	0.309
	Mixedwood	1.031	0.107	0.190	0.586	1.139	0.949	0.363
	Hardwood	1.293	0.176	0.375	0.182	1.469	1.093	0.911
	Total	0.754	0.098	0.157	0.261	0.852	0.695	0.434

Softwood + Hardwood

Landowner	Covertype	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	2.711	0.371	0.569	0.010	3.083	2.514	2.504
	Mixedwood	2.843	0.301	0.841	0.697	3.143	2.302	1.605
	Hardwood	1.663	0.303	0.251	0.083	1.966	1.715	1.632
	Total	2.414	0.329	0.545	0.231	2.743	2.197	1.966
Large Private	Softwood	2.863	0.329	0.933	1.060	3.192	2.259	1.198
	Mixedwood	3.685	0.420	0.728	1.244	4.105	3.377	2.133
	Hardwood	3.046	0.450	0.999	0.324	3.496	2.496	2.172
	Total	3.217	0.377	0.855	1.071	3.594	2.739	1.668
Small Private	Softwood	3.715	0.449	0.885	0.713	4.164	3.278	2.565
	Mixedwood	3.228	0.471	0.811	1.502	3.699	2.888	1.386
	Hardwood	2.073	0.469	0.477	0.340	2.542	2.065	1.726
	Total	3.291	0.460	0.798	0.965	3.751	2.954	1.989
Total	Softwood	3.264	0.398	0.846	0.654	3.662	2.816	2.162
	Mixedwood	3.318	0.417	0.795	1.241	3.735	2.940	1.700
	Hardwood	2.086	0.395	0.466	0.228	2.481	2.015	1.788
	Total	3.079	0.405	0.761	0.798	3.484	2.723	1.925

Table 11a. Western Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and age class for softwood.

Softwood								
Landowner	Age Class	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0 - 20	0.000	0.077	0.000	5.415	0.077	0.077	-5.338
	21 - 40	0.978	0.512	0.029	0.005	1.490	1.461	1.455
	41 - 60	2.134	0.273	0.277	0.000	2.406	2.130	2.130
	61 - 80	1.746	0.205	0.647	0.010	1.951	1.304	1.294
	81 - 100	1.427	0.178	0.542	0.000	1.605	1.063	1.063
	101+	2.555	0.199	0.218	0.000	2.754	2.536	2.536
	Uneven	0.935	0.113	0.641	0.000	1.048	0.407	0.407
	Total	1.721	0.255	0.418	0.135	1.977	1.558	1.424
Large Private	0 - 20	0.078	0.047	0.006	4.786	0.125	0.119	-4.667
	21 - 40	1.413	0.957	0.009	0.000	2.371	2.361	2.361
	41 - 60	2.903	0.496	0.432	0.000	3.400	2.968	2.968
	61 - 80	3.132	0.225	1.047	0.050	3.357	2.310	2.260
	81 - 100	2.279	0.170	0.747	1.181	2.449	1.702	0.521
	101+	2.828	0.152	0.768	2.188	2.980	2.212	0.024
	Uneven	0.951	0.533	0.000	0.000	1.484	1.484	1.484
	Total	2.539	0.324	0.662	0.770	2.863	2.202	1.432
Small Private	0 - 20	0.026	0.022	0.117	3.399	0.048	-0.069	-3.468
	21 - 40	1.789	0.743	0.098	0.928	2.532	2.433	1.505
	41 - 60	2.736	0.394	0.459	0.455	3.130	2.671	2.216
	61 - 80	2.526	0.166	0.958	0.480	2.692	1.734	1.254
	81 - 100	2.703	0.191	1.101	0.384	2.895	1.794	1.410
	101+	2.653	0.232	0.705	1.694	2.885	2.180	0.486
	Uneven	1.756	0.417	0.501	0.000	2.173	1.672	1.672
	Total	2.469	0.324	0.645	0.631	2.793	2.148	1.517
Total	0 - 20	0.044	0.041	0.053	4.297	0.085	0.032	-4.265
	21 - 40	1.487	0.732	0.061	0.474	2.219	2.158	1.683
	41 - 60	2.644	0.384	0.415	0.270	3.028	2.614	2.343
	61 - 80	2.455	0.195	0.891	0.233	2.650	1.759	1.526
	81 - 100	2.275	0.177	0.856	0.537	2.452	1.596	1.059
	101+	2.784	0.195	0.635	1.792	2.979	2.344	0.552
	Uneven	1.490	0.383	0.457	0.000	1.873	1.416	1.416
	Total	2.313	0.306	0.600	0.534	2.619	2.019	1.485

Table 11b. Western Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and age class for hardwood.

Hardwood								
Landowner	Age Class	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0 - 20	0.000	0.000	0.120	2.947	0.000	-0.120	-3.066
	21 - 40	0.431	0.299	0.000	0.144	0.730	0.730	0.586
	41 - 60	0.514	0.062	0.079	0.021	0.576	0.497	0.477
	61 - 80	0.979	0.048	0.181	0.000	1.027	0.846	0.846
	81 - 100	0.800	0.008	0.205	0.000	0.808	0.603	0.603
	101+	0.337	0.004	0.055	0.000	0.341	0.286	0.286
	Uneven	0.782	0.032	0.303	0.000	0.814	0.511	0.511
	Total	0.692	0.074	0.127	0.097	0.766	0.639	0.542
Large Private	0 - 20	-0.046	0.003	0.013	3.937	-0.043	-0.056	-3.993
	21 - 40	0.180	0.124	0.175	0.000	0.304	0.129	0.129
	41 - 60	0.631	0.108	0.194	0.000	0.739	0.545	0.545
	61 - 80	0.876	0.035	0.150	0.000	0.911	0.761	0.761
	81 - 100	0.952	0.032	0.274	0.558	0.984	0.711	0.153
	101+	0.538	0.000	0.360	0.000	0.538	0.178	0.178
	Uneven	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Total	0.678	0.053	0.194	0.301	0.731	0.537	0.237
Small Private	0 - 20	0.014	0.015	0.000	3.060	0.028	0.028	-3.031
	21 - 40	0.348	0.338	0.054	0.070	0.686	0.632	0.562
	41 - 60	0.784	0.149	0.120	0.139	0.932	0.813	0.674
	61 - 80	1.018	0.110	0.177	0.369	1.128	0.951	0.581
	81 - 100	0.868	0.042	0.189	0.176	0.910	0.721	0.545
	101+	0.683	0.071	0.182	0.593	0.754	0.572	-0.021
	Uneven	0.566	0.059	0.399	0.000	0.625	0.226	0.226
	Total	0.789	0.134	0.144	0.324	0.924	0.780	0.456
Total	0 - 20	-0.014	0.008	0.021	3.233	-0.005	-0.026	-3.260
	21 - 40	0.334	0.281	0.067	0.077	0.615	0.548	0.472
	41 - 60	0.693	0.121	0.122	0.088	0.814	0.692	0.604
	61 - 80	0.989	0.073	0.181	0.173	1.062	0.880	0.708
	81 - 100	0.905	0.030	0.224	0.257	0.934	0.711	0.454
	101+	0.570	0.030	0.242	0.178	0.599	0.358	0.180
	Uneven	0.505	0.043	0.309	0.000	0.548	0.240	0.240
	Total	0.750	0.098	0.156	0.260	0.848	0.692	0.432

Table 11c. Western Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and age class for softwood and hardwood.

Softwood+ Hardwood								
Landowner	Age Class	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0 - 20	0.000	0.077	0.120	8.362	0.077	-0.043	-8.405
	21 - 40	1.408	0.811	0.029	0.150	2.220	2.191	2.041
	41 - 60	2.648	0.335	0.356	0.021	2.983	2.627	2.606
	61 - 80	2.725	0.253	0.828	0.010	2.978	2.150	2.140
	81 - 100	2.228	0.185	0.747	0.000	2.413	1.666	1.666
	101+	2.893	0.203	0.273	0.000	3.095	2.822	2.822
	Uneven	1.717	0.145	0.943	0.000	1.862	0.918	0.918
	Total	2.414	0.329	0.545	0.231	2.743	2.197	1.966
Large Private	0 - 20	0.031	0.050	0.019	8.723	0.082	0.063	-8.660
	21 - 40	1.593	1.081	0.184	0.000	2.674	2.490	2.490
	41 - 60	3.534	0.604	0.626	0.000	4.138	3.513	3.513
	61 - 80	4.008	0.260	1.197	0.050	4.268	3.072	3.021
	81 - 100	3.231	0.201	1.020	1.739	3.433	2.412	0.674
	101+	3.366	0.152	1.128	2.188	3.518	2.389	0.201
	Uneven	0.951	0.533	0.000	0.000	1.484	1.484	1.484
	Total	3.217	0.377	0.855	1.071	3.594	2.739	1.668
Small Private	0 - 20	0.040	0.037	0.117	6.458	0.077	-0.041	-6.499
	21 - 40	2.137	1.080	0.152	0.998	3.218	3.065	2.067
	41 - 60	3.520	0.543	0.579	0.595	4.063	3.484	2.889
	61 - 80	3.544	0.277	1.135	0.849	3.820	2.685	1.836
	81 - 100	3.571	0.234	1.290	0.560	3.805	2.515	1.955
	101+	3.336	0.304	0.887	2.287	3.639	2.752	0.465
	Uneven	2.323	0.476	0.900	0.000	2.798	1.898	1.898
	Total	3.258	0.458	0.789	0.954	3.716	2.928	1.973
Total	0 - 20	0.030	0.050	0.075	7.530	0.080	0.005	-7.525
	21 - 40	1.821	1.013	0.128	0.551	2.834	2.706	2.155
	41 - 60	3.337	0.506	0.537	0.358	3.842	3.305	2.947
	61 - 80	3.444	0.268	1.072	0.406	3.712	2.640	2.234
	81 - 100	3.180	0.207	1.080	0.794	3.387	2.307	1.513
	101+	3.354	0.224	0.877	1.970	3.578	2.702	0.732
	Uneven	1.995	0.427	0.766	0.000	2.421	1.655	1.655
	Total	3.063	0.404	0.756	0.794	3.468	2.711	1.917

Table 12a. Western Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and land capability for softwood.

Softwood								
Landowner	Land Cap	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	3	1.153	0.266	0.415	0.000	1.420	1.004	1.004
	4	2.082	0.261	0.544	0.000	2.344	1.800	1.800
	5	1.898	0.257	0.385	0.280	2.155	1.770	1.489
	6	2.268	0.025	0.597	0.000	2.293	1.696	1.696
	Total	1.721	0.255	0.418	0.135	1.977	1.558	1.424
Large Private	3	2.123	0.276	0.610	0.007	2.399	1.789	1.783
	4	2.927	0.380	0.887	1.078	3.307	2.420	1.342
	5	2.823	0.331	0.666	1.151	3.154	2.488	1.337
	6	0.151	0.310	0.000	0.000	0.462	0.462	0.462
	Total	2.539	0.324	0.662	0.770	2.863	2.202	1.432
Small Private	3	2.068	0.291	0.619	0.152	2.359	1.740	1.588
	4	3.209	0.395	0.939	1.253	3.604	2.665	1.412
	5	2.503	0.315	0.550	0.576	2.818	2.268	1.692
	6	2.840	0.237	0.923	2.274	3.076	2.153	-0.121
	Total	2.469	0.324	0.645	0.631	2.793	2.148	1.517
Total	3	1.857	0.280	0.564	0.073	2.137	1.573	1.499
	4	2.919	0.364	0.829	0.935	3.283	2.454	1.519
	5	2.426	0.302	0.556	0.636	2.728	2.172	1.536
	6	2.743	0.217	0.785	1.549	2.960	2.175	0.627
	Total	2.313	0.306	0.600	0.534	2.619	2.019	1.485

Table 12b. Western Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and land capability for hardwood.

Hardwood								
Landowner	Land Cap	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	3	0.361	0.027	0.054	0.000	0.388	0.333	0.333
	4	0.983	0.027	0.192	0.000	1.010	0.818	0.818
	5	0.801	0.123	0.160	0.201	0.924	0.764	0.562
	6	2.548	0.020	0.164	0.000	2.567	2.403	2.403
	Total	0.692	0.074	0.127	0.097	0.766	0.639	0.542
Large Private	3	0.418	0.040	0.168	0.039	0.458	0.290	0.251
	4	0.839	0.051	0.213	0.000	0.890	0.676	0.676
	5	0.732	0.055	0.210	0.579	0.787	0.577	-0.001
	6	2.734	0.416	0.343	0.000	3.150	2.807	2.807
	Total	0.678	0.053	0.194	0.301	0.731	0.537	0.237
Small Private	3	0.830	0.108	0.204	0.352	0.938	0.734	0.382
	4	0.822	0.119	0.114	0.356	0.941	0.827	0.471
	5	0.821	0.164	0.156	0.351	0.985	0.829	0.478
	6	1.166	0.128	0.157	0.617	1.294	1.136	0.519
	Total	0.789	0.134	0.144	0.324	0.924	0.780	0.456
Total	3	0.596	0.068	0.157	0.178	0.664	0.507	0.329
	4	0.866	0.082	0.165	0.192	0.949	0.783	0.591
	5	0.814	0.122	0.171	0.367	0.936	0.765	0.398
	6	1.536	0.145	0.254	0.425	1.681	1.428	1.003
	Total	0.750	0.098	0.156	0.260	0.848	0.692	0.432

Table 12c. Western Nova Scotia 10 year periodic annual increment in merchantable m^3/ha/yr by landowner and land capability for softwood and hardwood

Softwood + Hardwood								
Landowner	Land Cap	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	3	1.514	0.293	0.470	0.000	1.807	1.338	1.338
	4	3.065	0.289	0.736	0.000	3.354	2.618	2.618
	5	2.698	0.380	0.545	0.482	3.078	2.534	2.052
	6	4.815	0.045	0.761	0.000	4.860	4.099	4.099
	Total	2.414	0.329	0.545	0.231	2.743	2.197	1.966
Large Private	3	2.541	0.316	0.778	0.046	2.858	2.079	2.033
	4	3.765	0.431	1.100	1.078	4.197	3.096	2.019
	5	3.556	0.385	0.875	1.730	3.941	3.066	1.336
	6	2.885	0.726	0.343	0.000	3.611	3.269	3.269
	Total	3.217	0.377	0.855	1.071	3.594	2.739	1.668
Small Private	3	2.898	0.398	0.823	0.504	3.296	2.474	1.969
	4	4.031	0.514	1.053	1.609	4.545	3.492	1.883
	5	3.324	0.479	0.706	0.927	3.802	3.096	2.170
	6	4.005	0.365	1.081	2.892	4.370	3.289	0.398
	Total	3.258	0.458	0.789	0.954	3.716	2.928	1.973
Total	1	0.542	0.245	0.336	0.000	0.786	0.451	0.451
	2	1.415	0.345	0.437	0.007	1.760	1.323	1.316
	3	2.452	0.349	0.721	0.251	2.801	2.080	1.829
	4	3.785	0.447	0.994	1.127	4.232	3.237	2.110
	5	3.240	0.424	0.727	1.003	3.664	2.937	1.934
	6	4.279	0.362	1.039	1.973	4.642	3.603	1.630
	7	6.159	0.281	1.535	0.000	6.440	4.905	4.905
	8	8.449	1.882	0.227	0.000	10.331	10.104	10.104
	9	11.124	0.000	0.332	0.000	11.124	10.792	10.792
	Total	3.063	0.404	0.756	0.794	3.468	2.711	1.917